

102-40-10/10

Name Head of West Arm - South Catalog No. 102-40-71
 Latitude N 55° 15' 10" 21" WR No. _____
 Longitude W 132° 28' 15" 19" K No. _____
 Geodetic Map No. Craig - A2 & B2 Work Area Cholmondeley Sound
 Location Prince of Wales Island Watershed Length 5.5 miles
 Drainage Area of Watershed 5.77 sq. miles
 Water Supply Type Runoff, springs, and high mountain glacial types present on south fork.
 Trails & Survey Routes The best way to survey this system is to walk the creek (easy walking).
 Aerial Survey Notes The water is clear and is void of excessive overgrowth to the area of the forks - bottom grayish.
 Anchorage Very limited anchorage near head of west arm for small boats. Large vessel anchorage off Lagoon Creek mouth.
 Tide Stage When Surveyed 2nd half of flood.

FISHERY RESOURCES

Commercial Fisheries Pink, chum, and coho have been documented.

Escapement 45,000 high historic pink escapement. Desired 3,000.
 1972 escapement - 800 pink, 250 chum. Available spawning area - 5,003 M²
 Species Composition _____

Timing Late - August and September
 Schooling areas School on south side of Arm before entering. Also school in the ITZ of this stream.
 Shellfish Potential Clams are present on the vast tideflats associated with this stream. Dungeness crabs off tideflats.
 Sport Fisheries Dolly Varden and cutthroat present an excellent fishery during August and September. Coho fishing also good.
 Land Use at Present Planned as part of the Cholmondeley Sound I.D.T. project scheduled to be logged in 1974.
 History of Land Use None other than influence from the Old Seltzer Portage trail on North side of head.
 Rehabilitation Potential No possible rehab. work necessary or practical for improving fishery.potential.
 Soils Stable soils in area surveyed but may have sluffing in the area of both falls if logging occurs.

WOLF RESOURCES

Bear -----	Fish carcasses or bones (old or fresh) on banks, estimate	0
	Number of droppings	2
Goose -----	Number seen on tide flats	0
	Number seen up creek	0
	Number of broods seen	0
Gallards ---	Number seen on tide flats	0
	Number seen up creek	0
	Number of broods seen	0
Parasites -	Number of broods seen	0
Bald Eagles--	Number seen along creek	0
	Number of nests seen and location	0
Seals -----	Number seen at mouth of stream	2
Tide flats -	Estimate length along beach	400 yds.
	Estimate depth out from beach	8-10 ft.
	Est. grass present on what percent of flats	5%

Excellent deer sign on this creek, also wolf sign plentiful.
 1 winter kill deer found on this stream.

PEAK ESCAPEMENT RECORD

NAME: Cholmondeley Sound, West Arm, Head

STREAM CATALOG NUMBER: 102-40-71

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Oct. 5, 1946	8,000	5,000		Fair. 2,000 fish at mouth (G)
Oct. 3, 1947	45,000	35,000		Excellent. 20,000 fish at mouth(G)
Sept. 29, 1948	2,300	9,500		Good. 15,000 fish at mouth (G)
Sept. 11, 1952				No fish present (G)
Sept. 20, 1953	160			Chum fresh. Visibility 100% (G)
Oct. 7, 1953		1,100		200 chum at mouth (G)
Sept. 28, 1954		1,500		Few 100 at mouth. Visibility not good. (A)
Sept. 2, 1956				150,000 pink at mouth
Sept. 29, 1956	8,000			Chum present (A)
Sept. 17, 1957	300			
Sept. 29, 1957		6,000		Poor
Sept. 20, 1959		2,500		None at mouth (A)
Sept. 20, 1960	30	90		None at mouth(G)
Oct. 11, 1961	200	800		(G) Half mile foot survey
Oct. 17, 1962	500			Vis. fair (A)
Oct. 6, 1963		2,100		150 fish intertidally (A)
Sept. 19, 1964	400	50		Vis. good, stream high. 250 fish were at the mouth of the stream (F)
Sept. 12, 1967	few			Vis. good (A)
Sept. 12, 1966		200		900 fish intertidally (F)
Sept. 19, 1967	300	750		200 chum at mouth, Vis. good (F)
Sept. 18, 1968	1,000	1,500		50 chum at mouth of right head stream. On Aug. 26, 1968 had 7,500 fish intertidally (A)
Sept. 3, 1969	400			(F)
Sept. 10, 1970	950	300		(F)
Sept. 16, 1971	3,900	75		Vis. good (F)